



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 5

Test Date: March 2009
Code: 10071135
SAU: Auburn School Department
School: Fairview School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9
Science Results	10-12

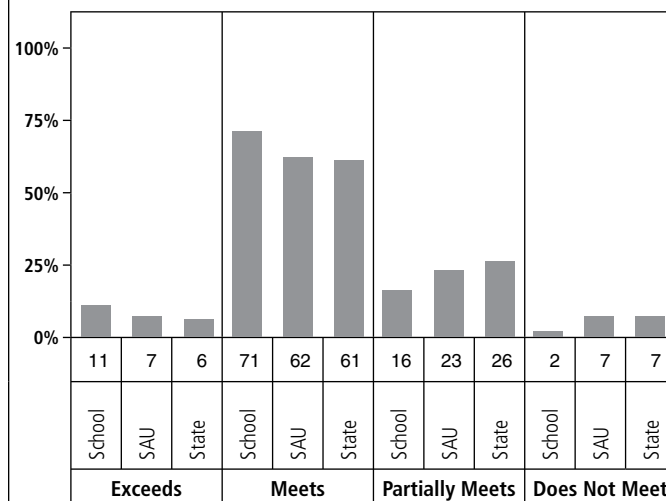
SUMMARY OF SCORES

Test Date: March 2009
Grade: 5
SAU: Auburn School Department
School: Fairview School

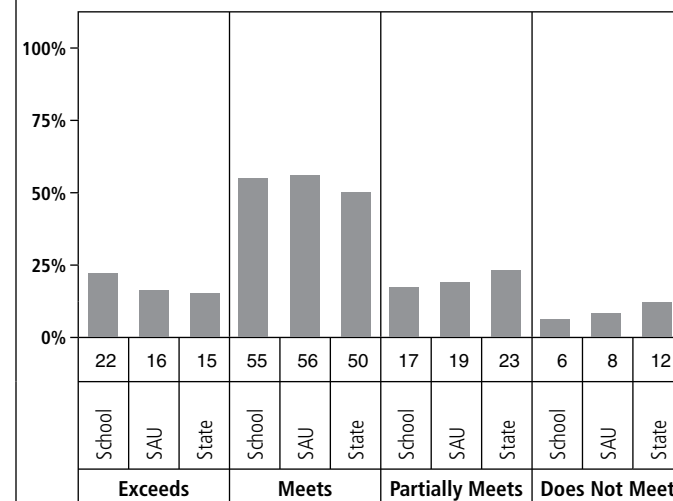
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	549	545	544
2007–2008	549	545	545
2008–2009	550	546	546
Cum. Avg.*	549	545	545
Mathematics			
2006–2007	553	547	546
2007–2008	556	548	546
2008–2009	551	548	547
Cum. Avg.*	553	548	546
Science			
2008–2009 **	545	544	543

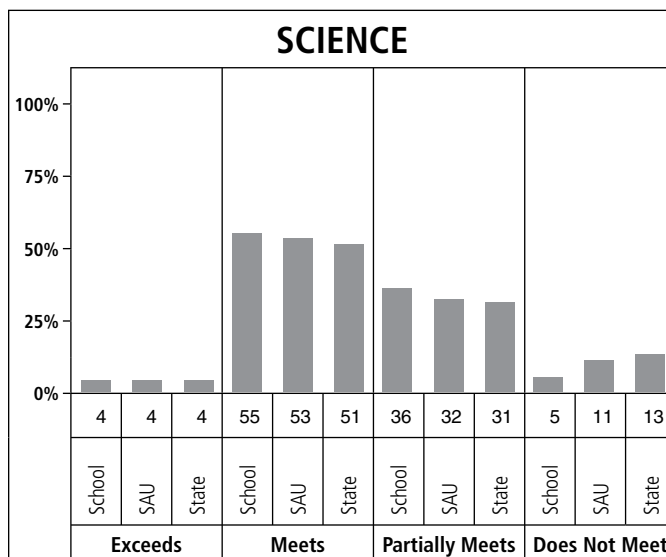
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

**Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 5
SAU: Auburn School Department
School: Fairview School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%		%		%		%	
Total number of students	84	100	268	100	14212	100	84	100	265	99	14135	100	84	100	265	99	14144	100	84	100	265	99	14137	100
Ethnicity African American/Black	0	0	20	7	397	3	0	0	20	100	388	98	0	0	20	100	393	99	0	0	20	100	389	98
American Indian or Native Alaskan	2	2	3	1	110	1	2	100	3	100	110	100	2	100	3	100	110	100	2	100	3	100	110	100
Asian or Pacific Islander	1	1	6	2	259	2	1	100	6	100	253	98	1	100	6	100	258	100	1	100	6	100	257	99
Hispanic	2	2	6	2	175	1	2	100	6	100	172	99	2	100	6	100	172	99	2	100	6	100	173	99
Caucasian/White	79	94	233	87	13271	93	79	100	230	99	13212	100	79	100	230	99	13211	100	79	100	230	99	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	14	17	65	24	2479	17	14	100	63	97	2454	100	14	100	63	97	2455	100	14	100	63	97	2451	99
Current LEP	0	0	11	4	374	3	0	0	11	100	359	96	0	0	11	100	370	99	0	0	11	100	366	98
Economically disadvantaged	19	23	118	44	5848	41	19	100	118	100	5815	100	19	100	118	100	5819	100	19	100	118	100	5812	100
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%	
Participation without accommodations	51	61	161	60	10849	76	51	61	162	60	10872	76	51	61	161	60	10976	77
Identified disability (PET/IEP)	0	0	1	1	298	3	0	0	1	1	307	3	0	0	1	1	338	3
LEP	0	0	3	2	170	2	0	0	3	2	169	2	0	0	3	2	177	2
504 plan	0	0	0	0	123	1	0	0	0	0	121	1	0	0	0	0	126	1
Participation with accommodations	32	38	100	37	3122	22	32	38	100	37	3124	22	32	38	101	38	3019	21
Identified disability (PET/IEP)	13	41	58	58	1992	64	13	41	59	59	2000	64	13	41	59	58	1971	65
LEP	0	0	8	8	184	6	0	0	8	8	196	6	0	0	8	8	184	6
504 plan	0	0	1	1	84	3	0	0	1	1	86	3	0	0	1	1	81	3
Other	19	59	36	36	907	29	19	59	35	35	886	28	19	59	36	36	826	27
Participation through alternate assessment (PAAP)	1	1	4	1	164	1	1	1	3	1	148	1	1	1	3	1	142	1
Identified disability (PET/IEP)	1	100	4	100	164	100	1	100	3	100	148	100	1	100	3	100	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	19	0	0	0	0	0	19	0	0	0	0	0	20	0
Non-participation – other	0	0	3	1	58	0	0	0	3	1	49	0	0	0	3	1	55	0

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 5
SAU: Auburn School Department
School: Fairview School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007	9	15	18	7	702	5
	2007-2008	3	5	10	4	659	5
	2008-2009	9	11	19	7	836	6
	Cum. Total*	21	10	47	6	2197	5
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	38	61	129	51	7730	55
	2007-2008	45	76	139	60	8195	58
	2008-2009	59	71	163	62	8495	61
	Cum. Total*	142	70	431	58	24420	58
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	13	21	75	30	4182	30
	2007-2008	11	19	63	27	3800	27
	2008-2009	13	16	60	23	3667	26
	Cum. Total*	37	18	198	27	11649	28
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	2	3	29	12	1419	10
	2007-2008	0	0	21	9	1362	10
	2008-2009	2	2	19	7	973	7
	Cum. Total*	4	2	69	9	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	33.4	69.6	30.9	64.4	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	16.6	69.2	15.3	63.8	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	16.8	70.0	15.6	65.0	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: Auburn School Department
 School: Fairview School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	83	9	11	59	71	13	16	2	2	550	261	7	62	23	7	546	13971	6	61	26	7	546
Ethnicity																						
African American/Black	0										18	0	33	44	22	538	381	2	44	31	23	540
American Indian or Native Alaskan	2										3					110	0	48	38	14	541	
Asian or Pacific Islander	1										6	17	33	33	17	547	252	11	58	21	11	547
Hispanic	2										6	0	67	17	17	543	166	4	54	32	10	543
Caucasian/White	78	9	12	56	72	11	14	2	3	550	228	8	65	21	6	547	13062	6	62	26	6	546
Not Reported	0										0					0						
Identified disability																						
Yes	13	0	0	7	54	5	38	1	8	542	59	0	34	46	20	538	2290	0	29	47	23	537
No	70	9	13	52	74	8	11	1	1	551	202	9	71	16	3	548	11681	7	67	22	4	548
Current LEP																						
Yes	0										11	0	18	45	36	536	354	1	35	34	30	538
No	83	9	11	59	71	13	16	2	2	550	250	8	64	22	6	546	13617	6	61	26	6	546
Economically disadvantaged																						
Yes	18	1	6	11	61	4	22	2	11	545	114	3	55	31	11	543	5716	2	51	35	12	542
No	65	8	12	48	74	9	14	0	0	551	147	11	68	17	4	549	8255	9	67	20	4	548
Migrant																						
Yes	0										0						8	0	38	25	38	538
No	83	9	11	59	71	13	16	2	2	550	261	7	62	23	7	546	13963	6	61	26	7	546
Gender																						
Female	42	6	14	28	67	7	17	1	2	550	129	9	65	20	6	547	6882	8	62	24	6	547
Male	41	3	7	31	76	6	15	1	2	549	132	6	60	26	8	545	7089	4	60	28	8	545
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	1										25	0	44	44	12	538	1914	1	41	44	14	540
No	82	9	11	59	72	13	16	1	1	550	236	8	64	21	7	547	12057	7	64	23	6	547
Gifted/talented program																						
Yes	6	3	50	3	50	0	0	0	0	560	13	46	54	0	0	561	450	26	72	2	0	557
No	77	6	8	56	73	13	17	2	3	549	248	5	63	24	8	545	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 5

SAU: Auburn School Department

School: Fairview School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	2	100	0	0	0	0	0	0	566	5	17	17	33	33	540	4	2	40	34	24	540
B. less than one hour	70	3	5	45	79	9	16	0	0	549	70	4	71	20	5	546	70	6	63	26	6	546
C. one to two hours	24	3	15	12	60	4	20	1	5	549	23	11	51	31	7	546	24	7	61	26	6	546
D. more than two hours	4	1	33	2	67	0	0	0	0	554	2	33	33	17	17	547	2	4	42	33	21	541
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	35	7	24	20	69	2	7	0	0	555	37	13	67	13	6	549	36	10	67	18	5	549
B. good	44	2	6	30	83	4	11	0	0	550	44	5	66	23	5	546	47	5	62	27	6	546
C. fair	21	0	0	9	53	7	41	1	6	541	17	0	51	37	12	539	15	2	47	40	12	541
D. poor	0										2	0	0	75	25	534	2	0	30	46	24	537
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	39	4	13	23	72	4	13	1	3	551	32	10	65	18	7	548	31	9	65	20	5	548
B. They match some of what I have learned.	54	5	11	31	70	8	18	0	0	549	57	7	65	25	3	546	55	5	63	27	5	546
C. They match just a little of what I have learned.	6	0	0	4	80	1	20	0	0	551	9	4	42	29	25	541	10	3	45	38	14	542
D. There is no match.	1	0	0	1	100	0	0	0	0	546	2	0	40	20	40	537	3	1	31	41	27	537
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	17	2	14	11	79	1	7	0	0	553	17	7	56	18	20	543	16	3	49	32	15	542
B. about the same as my regular schoolwork	68	7	13	39	70	9	16	1	2	550	64	8	65	23	4	547	64	7	63	25	5	547
C. easier than my regular schoolwork	15	0	0	9	75	3	25	0	0	546	19	4	61	29	6	545	20	5	62	26	7	546
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	13	0	0	6	55	5	45	0	0	543	16	0	36	40	24	536	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	59	2	4	39	81	6	13	1	2	549	53	2	70	25	3	546	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	28	7	30	14	61	2	9	0	0	555	30	21	64	10	5	551	38	10	68	18	4	549
How much time do you spend reading at home each day?																						
A. more than one hour	16	1	8	10	77	2	15	0	0	549	18	6	66	17	11	546	20	10	64	21	5	548
B. 20 minutes to an hour	73	8	13	42	70	9	15	1	2	550	65	9	66	21	4	548	56	7	65	24	5	547
C. less than 20 minutes	7	0	0	4	67	2	33	0	0	547	9	0	42	42	17	540	10	3	52	33	12	543
D. I rarely read at home.	4	0	0	3	100	0	0	0	0	551	7	0	47	37	16	541	14	1	46	38	14	541
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	30	3	12	17	68	5	20	0	0	550	26	6	58	25	10	545	25	3	53	33	11	543
B. six to ten pages	20	1	6	14	88	0	0	1	6	549	22	4	75	15	7	546	26	6	61	26	7	546
C. eleven or more pages	50	5	12	28	68	8	20	0	0	550	52	9	61	26	4	547	49	8	65	23	5	547
Optional school/SAU question																						
A.	100	0	0	1	100	0	0	0	0	548	50	0	50	0	50	535						
B.	0										50	0	0	50	50	533						
C.	0										0											
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 5
SAU: Auburn School Department
School: Fairview School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	15	24	43	17	1711	12
	2007-2008	19	32	37	16	1617	12
	2008-2009	18	22	42	16	2119	15
	Cum. Total*	52	25	122	16	5447	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007	38	61	119	47	6778	48
	2007-2008	33	56	125	53	7284	52
	2008-2009	46	55	147	56	7046	50
	Cum. Total*	117	57	391	52	21108	50
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	6	10	64	25	3884	28
	2007-2008	6	10	44	19	3341	24
	2008-2009	14	17	51	19	3193	23
	Cum. Total*	26	13	159	21	10418	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	3	5	26	10	1683	12
	2007-2008	1	2	28	12	1778	13
	2008-2009	5	6	22	8	1638	12
	Cum. Total*	9	4	76	10	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	28.2	58.8	26.4	55.0	25.5	53.1
A. Number	18	38	11.4	63.3	10.7	59.4	9.8	54.4
B. Data	10	21	5.4	54.0	4.9	49.0	5.2	52.0
C. Geometry	10	21	5.0	50.0	4.8	48.0	4.7	47.0
D. Algebra	10	21	6.3	63.0	6.0	60.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 5
SAU: Auburn School Department
School: Fairview School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	83	18	22	46	55	14	17	5	6	551	262	16	56	19	8	548	13996	15	50	23	12	547
Ethnicity																						
African American/Black	0										18	0	61	22	17	541	385	6	35	28	30	537
American Indian or Native Alaskan	2										3					110	5	42	34	20	540	
Asian or Pacific Islander	1										6	33	50	0	17	554	257	19	50	20	12	548
Hispanic	2										6	0	83	0	17	545	166	9	43	31	17	543
Caucasian/White	78	18	23	43	55	14	18	3	4	552	229	17	55	21	7	549	13078	15	51	23	11	547
Not Reported	0										0						0					
Identified disability																						
Yes	13	0	0	7	54	2	15	4	31	541	60	2	48	32	18	540	2307	3	32	32	33	536
No	70	18	26	39	56	12	17	1	1	553	202	20	58	16	5	550	11689	17	54	21	8	549
Current LEP																						
Yes	0										11	0	64	9	27	538	365	5	33	30	32	536
No	83	18	22	46	55	14	17	5	6	551	251	17	56	20	8	549	13631	15	51	23	11	547
Economically disadvantaged																						
Yes	18	2	11	9	50	5	28	2	11	545	115	7	57	24	11	545	5731	7	46	29	18	542
No	65	16	25	37	57	9	14	3	5	553	147	23	55	16	6	551	8265	21	53	19	7	550
Migrant																						
Yes	0										0						8	0	38	50	13	540
No	83	18	22	46	55	14	17	5	6	551	262	16	56	19	8	548	13988	15	50	23	12	547
Gender																						
Female	42	11	26	22	52	6	14	3	7	552	129	17	57	16	9	548	6889	14	51	23	12	546
Male	41	7	17	24	59	8	20	2	5	551	133	15	55	23	8	548	7107	16	50	23	11	547
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	1										25	0	56	20	24	540	1918	3	39	36	22	539
No	82	18	22	46	56	14	17	4	5	551	237	18	56	19	7	549	12078	17	52	21	10	548
Gifted/talented program																						
Yes	6	6	100	0	0	0	0	0	0	568	13	85	15	0	0	567	450	64	34	2	0	564
No	77	12	16	46	60	14	18	5	6	550	249	12	58	20	9	547	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: Auburn School Department
School: Fairview School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	2 70 24 4	2 9 6 1	100 16 30 33	0 36 9 1	0 63 45 33	0 8 4 1	0 14 20 33	0 4 1 0	0 7 5 0	567 551 552 553	5 69 23 2	23 14 18 33	31 59 59 17	15 20 16 33	31 7 7 17	543 548 549 544	4 70 24 2	8 15 15 9	38 52 51 37	26 23 23 24	28 10 11 30	539 547 547 539
Which of the following best describes how you rate yourself as a student in mathematics? A. very good B. good C. fair D. poor	25 47 25 4	8 10 0 0	40 26 0 0	10 23 12 0	50 61 60 0	1 3 6 3	5 8 30 100	1 2 2 0	5 5 10 0	558 553 543 540	36 42 19 3	28 13 4 0	55 60 54 14	11 17 35 71	6 11 6 14	553 547 543 538	34 45 18 3	28 11 3 1	50 54 45 29	14 24 33 41	8 10 19 29	552 546 540 535
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? A. The questions on the test match what I have learned in mathematics class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	49 44 7 0	12 6 0 0	30 17 0 0	22 21 3 0	55 58 50 0	4 6 3 0	10 17 50 0	2 3 0 0	5 8 0 0	554 550 542 540	44 46 8 3	22 14 0 0	60 57 45 25	13 22 30 38	5 7 25 38	551 548 537 534	38 48 11 3	22 12 6 6	52 53 40 26	19 24 30 29	7 11 24 38	550 546 540 534
How difficult was the mathematics part of this test? A. more difficult than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	17 62 21	2 10 6	14 20 35	8 30 8	57 59 47	4 8 1	29 16 6	0 3 2	0 6 12	547 551 554	17 62 20	13 12 28	49 61 49	18 22 11	20 4 11	543 549 551	17 64 19	7 15 24	42 53 49	30 23 17	21 10 10	540 547 550
On average, how many minutes a day do you spend working on mathematics in class? A. less than 30 minutes B. 30–45 minutes C. 45–60 minutes D. more than 60 minutes	7 18 62 12	1 2 12 3	17 13 24 30	2 11 28 5	33 73 55 50	2 1 9 1	33 7 18 10	1 1 2 1	17 7 4 10	548 552 551 552	7 10 32 50	5 7 24 15	58 63 54 56	26 11 18 21	11 19 5 8	545 545 550 548	7 28 41 24	6 9 17 21	39 49 53 51	27 28 21 20	27 15 9 8	539 544 548 549
How often do you use calculators in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	9 60 29 2	3 14 1 0	43 29 4 0	0 27 17 2	0 55 71 100	1 6 6 0	14 12 25 0	3 2 0 0	43 4 0 0	545 554 549 549	8 41 38 14	14 18 16 11	38 61 58 47	19 17 18 28	29 4 7 14	543 550 549 543	6 24 33 38	14 17 17 12	43 52 52 49	24 21 21 25	20 10 9 14	543 548 548 545
How often do you use hands-on materials in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	30 32 20 18	5 6 4 3	20 23 25 20	12 14 10 10	48 54 63 67	5 5 1 2	20 19 6 13	3 1 1 0	12 4 6 0	550 551 553 552	34 34 18 14	12 23 13 14	51 59 56 64	25 14 23 14	12 5 8 8	546 551 548 546	23 31 27 20	13 17 17 12	47 52 52 50	26 21 21 24	15 10 10 14	545 548 548 545
Optional school/SAU question A. B. C. D.	100 0 0 0	0 0 0 0	0 0 0 0	1 0 0 0	100 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	546 546 546 546	50 50 0 0	0 0 0 0	100 0 0 50	0 50 0 50	0 50 0 50	544 532 544 532						

SCIENCE RESULTS

Test Date: March 2009
Grade: 5
SAU: Auburn School Department
School: Fairview School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	3	4	10	4	626	4
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	46	55	139	53	7187	51
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	30	36	84	32	4364	31
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	4	5	29	11	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	48	100	30.3	63.1	29.4	61.3	29.2	60.8
D. The Physical Setting	24	50	13.1	54.6	12.9	53.8	12.9	53.8
E. The Living Environment	24	50	17.3	72.1	16.5	68.8	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 5
SAU: Auburn School Department
School: Fairview School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	83	3	4	46	55	30	36	4	5	545	262	4	53	32	11	544	13995	4	51	31	13	543
Ethnicity																						
African American/Black	0										18	0	22	44	33	533	382	2	31	32	35	535
American Indian or Native Alaskan	2										3					110	3	36	35	26	538	
Asian or Pacific Islander	1										6	33	33	17	17	551	256	5	51	27	17	542
Hispanic	2										6	0	33	33	33	541	167	1	40	37	22	539
Caucasian/White	78	3	4	43	55	28	36	4	5	545	229	3	56	31	9	544	13080	5	52	31	12	544
Not Reported	0										0					0						
Identified disability																						
Yes	13	0	0	7	54	3	23	3	23	543	60	0	42	35	23	539	2309	2	29	39	29	536
No	70	3	4	39	56	27	39	1	1	546	202	5	56	31	7	545	11686	5	56	30	10	545
Current LEP																						
Yes	0										11	0	9	45	45	531	361	1	23	32	44	533
No	83	3	4	46	55	30	36	4	5	545	251	4	55	31	10	544	13634	5	52	31	12	544
Economically disadvantaged																						
Yes	18	0	0	9	50	7	39	2	11	543	115	1	43	37	18	540	5729	2	42	37	20	539
No	65	3	5	37	57	23	35	2	3	546	147	6	61	28	5	546	8266	6	58	27	8	546
Migrant																						
Yes	0										0						8	0	25	13	63	530
No	83	3	4	46	55	30	36	4	5	545	262	4	53	32	11	544	13987	4	51	31	13	543
Gender																						
Female	42	2	5	19	45	18	43	3	7	544	129	3	48	39	10	543	6886	4	49	33	14	542
Male	41	1	2	27	66	12	29	1	2	546	133	5	58	26	12	544	7109	5	54	29	12	544
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	1										25	0	24	44	32	534	1917	1	31	41	28	536
No	82	3	4	46	56	29	35	4	5	545	237	4	56	31	9	545	12078	5	55	30	11	544
Gifted/talented program																						
Yes	6	2	33	4	67	0	0	0	0	559	13	38	62	0	0	561	450	25	72	2	1	557
No	77	1	1	42	55	30	39	4	5	544	249	2	53	34	12	543	13545	4	51	32	13	543

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 5

SAU: Auburn School Department

School: Fairview School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	1	50	1	50	0	0	0	0	560	5	8	46	8	38	537	4	2	37	35	25	538
B. less than one hour	70	1	2	33	58	20	35	3	5	544	69	3	55	33	8	544	70	4	53	31	12	544
C. one to two hours	24	1	5	10	50	9	45	0	0	546	23	5	49	36	10	544	24	5	51	31	12	544
D. more than two hours	4	0	0	2	67	1	33	0	0	549	2	0	50	17	33	537	2	4	39	31	26	539
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	29	1	4	17	71	5	21	1	4	550	28	6	65	22	7	547	26	7	56	26	11	545
B. good	51	2	5	21	50	17	40	2	5	543	56	4	50	35	11	543	53	4	53	31	11	544
C. fair	20	0	0	8	50	8	50	0	0	544	16	0	49	37	15	542	18	2	41	39	17	540
D. poor	0										1	0	0	67	33	534	3	1	33	36	30	536
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	27	2	9	15	68	4	18	1	5	550	28	7	64	18	11	547	23	5	56	28	11	544
B. They match some of what I have learned.	65	1	2	25	47	25	47	2	4	543	56	3	51	39	7	543	48	5	52	31	12	544
C. They match just a little of what I have learned.	9	0	0	6	86	1	14	0	0	548	13	3	47	32	18	541	23	4	49	33	14	543
D. There is no match.	0										3	0	25	25	50	532	6	3	40	34	23	539
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	22	1	6	9	53	7	41	0	0	546	18	2	38	36	24	539	23	5	48	31	16	543
B. about the same as my regular schoolwork	66	2	4	32	62	16	31	2	4	546	66	5	57	32	5	545	58	4	52	32	12	543
C. easier than my regular schoolwork	13	0	0	4	40	5	50	1	10	543	17	0	62	24	14	544	19	6	53	29	11	544
How often do you have science classes?																						
A. every day	51	2	5	25	60	14	33	1	2	545	36	6	55	29	9	544	33	5	51	31	14	543
B. a few times a week	28	1	4	12	52	10	43	0	0	547	47	2	53	37	7	544	45	4	52	32	11	544
C. once a week	5	0	0	2	50	2	50	0	0	545	3	0	56	33	11	543	8	4	50	30	16	542
D. a few times a month	16	0	0	7	54	4	31	2	15	543	13	3	49	23	26	541	15	4	52	30	14	543
Which statement best describes how you learn science?																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	16	0	0	10	77	3	23	0	0	546	17	2	58	31	9	543	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	29	1	4	10	42	11	46	2	8	542	25	6	42	34	17	542	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	26	1	5	13	62	6	29	1	5	548	30	5	57	28	10	546	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	29	1	4	13	54	10	42	0	0	546	28	1	57	35	7	543	21	6	58	27	10	545
How often do you make observations and collect data in science class?																						
A. a few times a week	74	3	5	37	61	19	31	2	3	546	73	5	57	30	8	545	47	4	51	32	12	543
B. a few times a month	16	0	0	7	54	5	38	1	8	545	15	3	48	33	18	541	27	5	54	30	11	544
C. once a month	7	0	0	2	33	4	67	0	0	541	6	0	38	44	19	539	10	5	49	30	15	543
D. never or almost never	2	0	0	0	0	2	100	0	0	538	5	0	36	43	21	536	15	3	48	32	16	542
How often do you use observations and data to support your idea about science?																						
A. a few times a week	72	3	5	33	56	20	34	3	5	545	70	5	57	31	7	545	46	4	52	32	12	543
B. a few times a month	16	0	0	10	77	3	23	0	0	549	15	0	58	30	13	543	28	5	53	30	12	544
C. once a month	7	0	0	2	33	4	67	0	0	542	6	7	27	40	27	539	11	4	47	34	15	542
D. never or almost never	5	0	0	1	25	3	75	0	0	540	9	0	33	42	25	536	15	4	50	30	16	542
Optional school/SAU question																						
A.	100	0	0	1	100	0	0	0	0	552	50	0	50	0	50	531						
B.	0										50	0	0	50	50	525						
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number